



Day : Tuesday
Date: 8/30/2005

Time: 10:13:54

Inventor Name Search

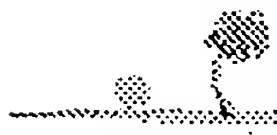
Enter the **first few letters** of the Inventor's Last Name.
Additionally, enter the **first few letters** of the Inventor's First name.

Last Name

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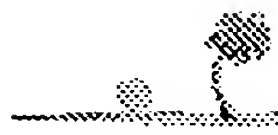
Enter the first few letters of the Inventor's Last Name.
Additionally, enter the first few letters of the Inventor's First name.

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Inventor Name Search

Enter the first few letters of the Inventor's Last Name.
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BEGIN 5, 6, 55, 154, 155, 156, 312, 399, BIOTECH, BIOSCI

Set Items Description

?

S AAV OR ADENO (N) ASSOCIATED

16411 AAV

63357 ADENO

8496644 ASSOCIATED

27209 ADENO(N) ASSOCIATED

S1 30317 AAV OR ADENO (N) ASSOCIATED

?

S S1 AND P1

30317 S1

149965 P1

S2 83 S1 AND P1

?

S S2 AND P1 (5N) (REP OR CAP).

83 S2

149965 P1

48355 REP

186946 CAP

176 P1(5N) (REP OR CAP)

S3 9 S2 AND P1 (5N) (REP OR CAP)

?

RD S3

>>>Duplicate detection is not supported for File 391.

>>>Records from unsupported files will be retained in the RD set.

...completed examining records

S4 3 RD S3 (unique items)

?

Display 4/3/1 (Item 1 from file: 154)

DIALOG(R)File 154:MEDLINE(R)

(c) format only 2005 Dialog. All rts. reserv.

10893888 PMID: 7884849

Asymmetric replication in vitro from a human sequence element is dependent on adeno-associated virus Rep protein.

Urcelay E; Ward P; Wiener S M; Safer B; Kotin R M

Molecular Hematology Branch, National Heart, Lung, and Blood Institute, Bethesda, Maryland 20892.

Journal of virology (UNITED STATES) Apr 1995, 69 (4) p2038-46,

ISSN 0022-538X Journal Code: 0113724

Contract/Grant No.: CRADA 91-02; AD; ADAMHA

Publishing Model Print

Document type: Journal Article

Languages: ENGLISH

Main Citation Owner: NLM

Record type: MEDLINE; Completed

- end of record -

?

Display 4/3/2 (Item 1 from file: 399)

DIALOG(R)File 399:CA SEARCH(R)

(c) 2005 American Chemical Society. All rts. reserv.

133330511 CA: 133(24)330511e PATENT
 Adeno-assocd. virus (AAV) packaging cassettes and their use in the
 generation of recombinant AAV vectors
 INVENTOR(AUTHOR): Lockert, Dara H.; Lynch, Carmel M.
 LOCATION: USA
 ASSIGNEE: Targeted Genetics Corporation
 PATENT: PCT International ; WO 200065038 A2 DATE: 20001102
 APPLICATION: WO 2000US11410 (20000428) *US PV135119 (19990428) *US 561190
 (20000427)
 PAGES: 51 pp. CODEN: PIXXD2 LANGUAGE: English CLASS: C12N-015/00
 DESIGNATED COUNTRIES: AE; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BY; CA; CH;
 CN; CR; CU; CZ; DE; DK; DM; EE; ES; FI; GB; GD; GE; GH; GM; HR; HU; ID; IL;
 IN; IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS; LT; LU; LV; MD; MG; MK; MN;
 MW; MX; NO; NZ; PL; PT; RO; RU; SD; SE; SG; SI; SK; SL; TJ; TM; TR; TT; UA;
 UG; US; UZ; VN; YU; ZA; ZW; AM; AZ; BY; KG; KZ; MD; RU; TJ; TM

-more-

?

Display 4/3/2 (Item 1 from file: 399)
 DIALOG(R)File 399:CA SEARCH(R)
 (c) 2005 American Chemical Society. All rts. reserv.
 DESIGNATED REGIONAL: GH; GM; KE; LS; MW; SD; SL; SZ; TZ; UG; ZW; AT; BE;
 CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LU; MC; NL; PT; SE; BF; BJ; CF;
 CG; CI; CM; GA; GN; GW; ML; MR; NE; SN; TD; TG

- end of record -

?

S S1 AND ORIGIN (N) REPLICAT? (5N) (REP OR CAP)
 30317 S1
 1564522 ORIGIN
 1089089 REPLICAT?
 48355 REP
 186946 CAP
 424 ORIGIN(N)REPLICAT?(5N) (REP OR CAP)
 S5 69 S1 AND ORIGIN (N) REPLICAT? (5N) (REP OR CAP)

?

S S5 AND (HELPER? OR ADENOVIR?)
 69 S5
 248615 HELPER?
 258521 ADENOVIR?
 S6 5 S5 AND (HELPER? OR ADENOVIR?)

?

Display 6/3/1 (Item 1 from file: 5)
 DIALOG(R)File 5:Biosis Previews(R)
 (c) 2005 BIOSIS. All rts. reserv.
 0007243309 BIOSIS NO.: 199090027788
 THE AAV ORGIN BINDING PROTEIN REP68 IS AN ATP DEPENDENT SITE-SPECIFIC
 ENDONUCLEASE WITH DNA HELICASE ACTIVITY
 AUTHOR: IM D-S (Reprint); MUZYCZKA N
 AUTHOR ADDRESS: DEP MICROBIOL, SUNY STONY BROOK MED SCH, STONY BROOK, NY
 11794, USA**USA
 JOURNAL: Cell 61 (3): p447-458 1990
 ISSN: 0092-8674
 DOCUMENT TYPE: Article

RECORD TYPE: Abstract
LANGUAGE: ENGLISH

- end of record -

?

Display 6/3/2 (Item 1 from file: 154)

DIALOG(R)File 154:MEDLINE(R)

(c) format only 2005 Dialog. All rts. reserv.

08977161 PMID: 2159559

The adeno-associated virus rep gene suppresses herpes simplex virus-induced DNA amplification.

Heilbronn R; Burkle A; Stephan S; zur Hausen H
Deutsches Krebsforschungszentrum, Heidelberg, Federal Republic of Germany.

Journal of virology (UNITED STATES) Jun 1990, 64 (6) p3012-8, ISSN 0022-538X Journal Code: 0113724

Publishing Model Print

Document type: Journal Article

Languages: ENGLISH

Main Citation Owner: NLM

Record type: MEDLINE; Completed

- end of record -

?

Display 6/3/3 (Item 1 from file: 155)

DIALOG(R)File 155:MEDLINE(R)

(c) format only 2005 Dialog. All rts. reserv.

08977161 PMID: 2159559

The adeno-associated virus rep gene suppresses herpes simplex virus-induced DNA amplification.

Heilbronn R; Burkle A; Stephan S; zur Hausen H
Deutsches Krebsforschungszentrum, Heidelberg, Federal Republic of Germany.

Journal of virology (UNITED STATES) Jun 1990, 64 (6) p3012-8, ISSN 0022-538X Journal Code: 0113724

Publishing Model Print

Document type: Journal Article

Languages: ENGLISH

Main Citation Owner: NLM

Record type: MEDLINE; Completed

- end of record -

?

Display 6/3/4 (Item 1 from file: 357)

DIALOG(R)File 357:Derwent Biotech Res.

(c) 2005 Thomson Derwent & ISI. All rts. reserv.

0306233 DBR Accession No.: 2003-08018 PATENT

Production of defective viral vectors for gene therapy that are completely free of helper viral vectors and helper viruses - virus vector preparation by packaging cell culture for gene therapy

AUTHOR: KAPLITT M G; MOUSSATOV S

PATENT ASSIGNEE: UNIV ROCKEFELLER 2002

PATENT NUMBER: WO 200297056 PATENT DATE: 20021205 WPI ACCESSION NO.:
2003-103706 (200309)

PRIORITY APPLIC. NO.: US 313007 APPLIC. DATE: 20010807
NATIONAL APPLIC. NO.: WO 2002US17324 APPLIC. DATE: 20020531
LANGUAGE: English

- end of record -

?

Display 6/3/5 (Item 2 from file: 357)

DIALOG(R)File 357:Derwent Biotech Res.

(c) 2005 Thomson Derwent & ISI. All rts. reserv.

0302115 DBR Accession No.: 2003-03900 PATENT

**Cis-acting replication elements from an Adeno-Associated Virus (AAV),
useful for producing cell lines that express AAVs - recombinant
adeno-associated virus production by packaging cell culture with
potential application in gene therapy**

AUTHOR: SALVETTI A; CHADEUF G; TESSIER J; MOULLIER P; LINDEN M R; WARD
P; EPSTEIN A L

PATENT ASSIGNEE: UNIV NANTES 2002

PATENT NUMBER: WO 200246359 PATENT DATE: 20020613 WPI ACCESSION NO.:
2002-706808 (200276)

PRIORITY APPLIC. NO.: US 251576 APPLIC. DATE: 20001207

NATIONAL APPLIC. NO.: WO 2001EP15418 APPLIC. DATE: 20011206

LANGUAGE: English

- end of record -

?

S S1 AND (TRS OR TERMINAL (N) RESOLUTION OR REP (N) BINDING)

Processing

Processed 10 of 38 files ...

Completed processing all files

	30317	S1
	9540	TRS
	1880372	TERMINAL
	1666138	RESOLUTION
	422	TERMINAL (N) RESOLUTION
	48355	REP
	5600473	BINDING
	583	REP (N) BINDING
S7	617	S1 AND (TRS OR TERMINAL (N) RESOLUTION OR REP (N) BINDING)

?

S S1 AND (TRS OR TERMINAL (N) RESOLUTION OR REP (N) BINDING) (5N) (REP OR CAP)

	30317	S1
	9540	TRS
	1880372	TERMINAL
	1666138	RESOLUTION
	422	TERMINAL (N) RESOLUTION
	48355	REP
	5600473	BINDING
	583	REP (N) BINDING
	48355	REP
	186946	CAP
	605	((TRS OR TERMINAL (N) RESOLUTION) OR REP (N) BINDING) (5N) (REP OR CAP)
S8	368	S1 AND (TRS OR TERMINAL (N) RESOLUTION OR REP (N) BINDING) (5N) (REP OR CAP)

?

S S8 AND P1

368 S8
149965 P1
S9 0 S8 AND P1
?

S S1 AND (TRS OR TERMINAL (N) RESOLUTION OR REP (N) BINDING OR P1) (5N) AMPLIF? (5N)

Processed 20 of 38 files ...

Processing

Completed processing all files

30317 S1
9540 TRS
1880372 TERMINAL
1666138 RESOLUTION
422 TERMINAL(N)RESOLUTION
48355 REP
5600473 BINDING
583 REP(N)BINDING
149965 P1
1241177 AMPLIF?
48355 REP
186946 CAP
0 (((TRS OR TERMINAL(N)RESOLUTION) OR REP(N)BINDING) OR
P1) (5N) AMPLIF? (5N) (REP OR CAP)
S10 0 S1 AND (TRS OR TERMINAL (N) RESOLUTION OR REP (N) BINDING
OR P1) (5N) AMPLIF? (5N) (REP OR CAP)
?

S S1 AND (TRS OR TERMINAL (N) RESOLUTION OR REP (N) BINDING OR P1) (5N) (AMPLIF? OR

Processing

Processed 10 of 38 files ...

Processing

Completed processing all files

30317 S1
9540 TRS
1880372 TERMINAL
1666138 RESOLUTION
422 TERMINAL(N)RESOLUTION
48355 REP
5600473 BINDING
583 REP(N)BINDING
149965 P1
1241177 AMPLIF?
6509928 ACTIVAT?
48355 REP
186946 CAP
26 (((TRS OR TERMINAL(N)RESOLUTION) OR REP(N)BINDING) OR
P1) (5N) (AMPLIF? OR ACTIVAT?) (5N) (REP OR CAP)
S11 .9 S1 AND (TRS OR TERMINAL (N) RESOLUTION OR REP (N) BINDING
OR P1) (5N) (AMPLIF? OR ACTIVAT?) (5N) (REP OR CAP)
?

RD S11

>>>Duplicate detection is not supported for File 391.

>>>Records from unsupported files will be retained in the RD set.

...completed examining records

S12 1 RD S11 (unique items)

?

Display 12/9/1 (Item 1 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

(c) 2005 BIOSIS. All rts. reserv.

0013883484 BIOSIS NO.: 200200476995

Studies of the mechanism of transactivation of the adeno-associated virus p19 promoter by Rep protein

AUTHOR: Lackner Daniel F; Muzyczka Nicholas (Reprint)

AUTHOR ADDRESS: Department of Molecular Genetics and Microbiology, College of Medicine, University of Florida, JHMHSC, P.O. Box 100266, Gainesville, FL, 32610, USA**USA

JOURNAL: Journal of Virology 76 (16): p8225-8235 August, 2002 2002

MEDIUM: print

ISSN: 0022-538X

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

ABSTRACT: During adeno-associated virus (AAV) type 2 productive infections,

-more-

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Display 12/9/1 (Item 1 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

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the p19 promoter of AAV is activated by the AAV Rep78 and Rep68 proteins. Rep-induced activation of p19 depends on the presence of one of several redundant Rep binding elements (RBEs) within the p5 promoter or within the terminal repeats (TR). In the absence of the TR, the p5 RBE and the p19 Sp1 site at position -50 are essential for p19 transactivation. To determine how a Rep complex bound at p5 induces transcription at p19, we made a series of p19 promoter chloramphenicol acetyltransferase constructs in which the p5 RBE was inserted at different locations upstream or downstream of the p19 mRNA start site. The RBE acted like a repressor element at most positions in the presence of both Rep and adenovirus (Ad), and the level of repression increased dramatically as the RBE was inserted closer to the p19 promoter. We concluded that the RBE by itself was not a conventional upstream activation signal and instead behaved like a repressor. To understand how the Rep-RBE complex within p5 activated p19, we considered the possibility that its role was to function as an architectural protein whose purpose was to bring other

-more-

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Display 12/9/1 (Item 1 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

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p5 transcriptional elements to the p19 promoter. In order to address this possibility, we replaced both the p5 RBE and the p19 Sp1 site with GAL4 binding sites. The modified GAL4-containing constructs were cotransfected with plasmids that expressed GAL4 fusion proteins capable of interacting through p53 and T-antigen (T-ag) protein domains. In the presence of Ad and the GAL4 fusion proteins, the p19 promoter exhibited strong transcriptional activation that was dependent on both the GAL4 fusion proteins and Ad infection. This suggested that the primary role of the p5 RBE and the p19 Sp1 sites was to act as a scaffold for bringing transcription complexes in the p5 promoter into close proximity with the

p19 promoter. Since Rep and Sp1 themselves were not essential for transactivation, we tested mutants within the other p5 transcriptional elements in the context of GAL4-induced looping to determine which of the other p5 elements was necessary for p19 induction. Mutation of the p5 major late-transcription factor site reduced p19 activity but did not eliminate induction in the presence of the GAL4 fusion proteins. However,

-more-

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Display 12/9/1 (Item 1 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

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mutation of the p5 YY1 site at position -60 (YY1-60) eliminated GAL4-induced transactivation. This implicated the YY1-60 protein complexes in p19 induction by Rep. In addition, both basal p19 activity and activity in the presence of Ad increased when the YY1-60 site was mutated even in the absence of Rep or GAL4 fusion proteins. Therefore, there are likely to be alternative p5-p19 interactions that are Rep independent in which the YY1-60 complex inhibits p19 transcription. We concluded that transcriptional control of the p19 promoter was dependent on the formation of complexes between the p5 and p19 promoters and that activation of the p19 promoter depends largely on the ability of Rep and Sp1 to form a scaffold that positions the p5 YY1 complex near the p19 promoter.

DESCRIPTORS:

MAJOR CONCEPTS: Molecular Genetics--Biochemistry and Molecular Biophysics

BIOSYSTEMATIC NAMES: Hominidae--Primates, Mammalia, Vertebrata, Chordata,

-more-

?

Ref	Items	Index-term
E1	1	AU=LYNCH, CARL., III
E2	45	AU=LYNCH, CARL, III
E3	0	*AU=LYNCH, CARMEL
E4	1	AU=LYNCH, CARMEL M
E5	16	AU=LYNCH, CARMEL M.
E6	2	AU=LYNCH, CAROL B.
E7	13	AU=LYNCH, CAROL BECKER
E8	1	AU=LYNCH, CAROL ELIZABETH
E9	1	AU=LYNCH, CAROL MARGARET BECKER
E10	1	AU=LYNCH, CAROLINE
E11	1	AU=LYNCH, CAROLYN DUPONT
E12	1	AU=LYNCH, CAROLYN N

Enter P or PAGE for more

?

Ref	Items	Index-term
E1	0	*AU=LYNCH CARMEL
E2	1	AU-L3-SHELL
E3	7	AU-M
E4	1	AU-M BOND
E5	1	AU-M HETERO MOLECULES
E6	1	AU-MARKED
E7	1	AU-MARKED RUTHERFORD BACKSCATTERING TECHNIQUE

E8	3	AU-MEDIATED
E9	1	AU-MERCAPTOHEXADECANOIC
E10	4	AU-METAL
E11	1	AU-METAL OXIDE
E12	1	AU-METALLOID

Enter P or PAGE for more

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Ref	Items	Index-term
E1	38	AU=LYNCH CARL
E2	104	AU=LYNCH CARL III
E3	2	*AU=LYNCH CARMEL
E4	14	AU=LYNCH CARMEL M
E5	18	AU=LYNCH CAROL B
E6	2	AU=LYNCH CAROL BECKER
E7	2	AU=LYNCH CAROLINE
E8	2	AU=LYNCH CAROLYN
E9	4	AU=LYNCH CAROLYN N
E10	2	AU=LYNCH CASEY
E11	2	AU=LYNCH CASEY C
E12	20	AU=LYNCH CATHERINE

Enter P or PAGE for more

?

Ref	Items	Index-term
E1	16	AU=BURSTEIN, H. J.
E2	1	AU=BURSTEIN, H.J. GELBER, S. GUADAGNOLI, E. WEEKS
E3	23	*AU=BURSTEIN, HAIM
E4	1	AU=BURSTEIN, HAL
E5	1	AU=BURSTEIN, HAROLD
E6	8	AU=BURSTEIN, HAROLD J
E7	24	AU=BURSTEIN, HAROLD J.
E8	2	AU=BURSTEIN, HAROLD JOHN
E9	1	AU=BURSTEIN, HELAINE JOY
E10	1	AU=BURSTEIN, HELEN
E11	12	AU=BURSTEIN, HERMAN
E12	5	AU=BURSTEIN, HJ

Enter P or PAGE for more

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Ref	Items	Index-term
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E2	63	AU=BURSTEIN H.J.
E3	18	*AU=BURSTEIN HAIM
E4	2	AU=BURSTEIN HAROLD
E5	105	AU=BURSTEIN HAROLD J
E6	59	AU=BURSTEIN HJ
E7	35	AU=BURSTEIN I
E8	1	AU=BURSTEIN I L
E9	2	AU=BURSTEIN I M
E10	1	AU=BURSTEIN I R
E11	16	AU=BURSTEIN I.
E12	1	AU=BURSTEIN IB

Enter P or PAGE for more

?

Ref	Items	Index-term
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E2	1	AU=STEPAN, AM
E3	0	*AU=STEPAN, ANTHONY
E4	5	AU=STEPAN, ANTHONY M.
E5	1	AU=STEPAN, ANTHONY MICHAEL
E6	13	AU=STEPAN, ANTONIA F.
E7	1	AU=STEPAN, AUREL
E8	10	AU=STEPAN, C.
E9	1	AU=STEPAN, CALEB
E10	6	AU=STEPAN, D.
E11	2	AU=STEPAN, D. E.
E12	24	AU=STEPAN, D. J.

Enter P or PAGE for more

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Ref	Items	Index-term
E1	1	AU=LOCKERT, JOYCE D
E2	1	AU=LOCKERT, JOYCE DIANN
E3	0	*AU=LOCKERT, DARA
E4	2	AU=LOCKERTZ, WILLIAM
E5	3	AU=LOCKERY
E6	2	AU=LOCKERY A R
E7	1	AU=LOCKERY A.R.
E8	2	AU=LOCKERY AR
E9	4	AU=LOCKERY D
E10	3	AU=LOCKERY R M
E11	9	AU=LOCKERY S
E12	11	AU=LOCKERY S A

Enter P or PAGE for more

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Ref	Items	Index-term
E1	13	AU=LOCKERT D H
E2	6	AU=LOCKERT D.H.
E3	0	*AU=LOCKERT DARA
E4	10	AU=LOCKERT DARA H
E5	6	AU=LOCKERT DH
E6	3	AU=LOCKERT E W
E7	1	AU=LOCKERT E.W.
E8	2	AU=LOCKERT EW
E9	2	AU=LOCKERT G
E10	1	AU=LOCKERT J.D.
E11	2	AU=LOCKERT JD
E12	2	AU=LOCKERT JOYCE D